

# **Regulatory Issues at the San Juan and La Plata Mines Regarding Geomorphic Reclamation**

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12.18.2003



JUN 26 2006





2 19 02



2. 22. 2001







AUG 10 2006



NOV 16 2004



JUN 27 2006



8.7.2003



OCT 19 2005







9.16.2003



MAR 30 2005



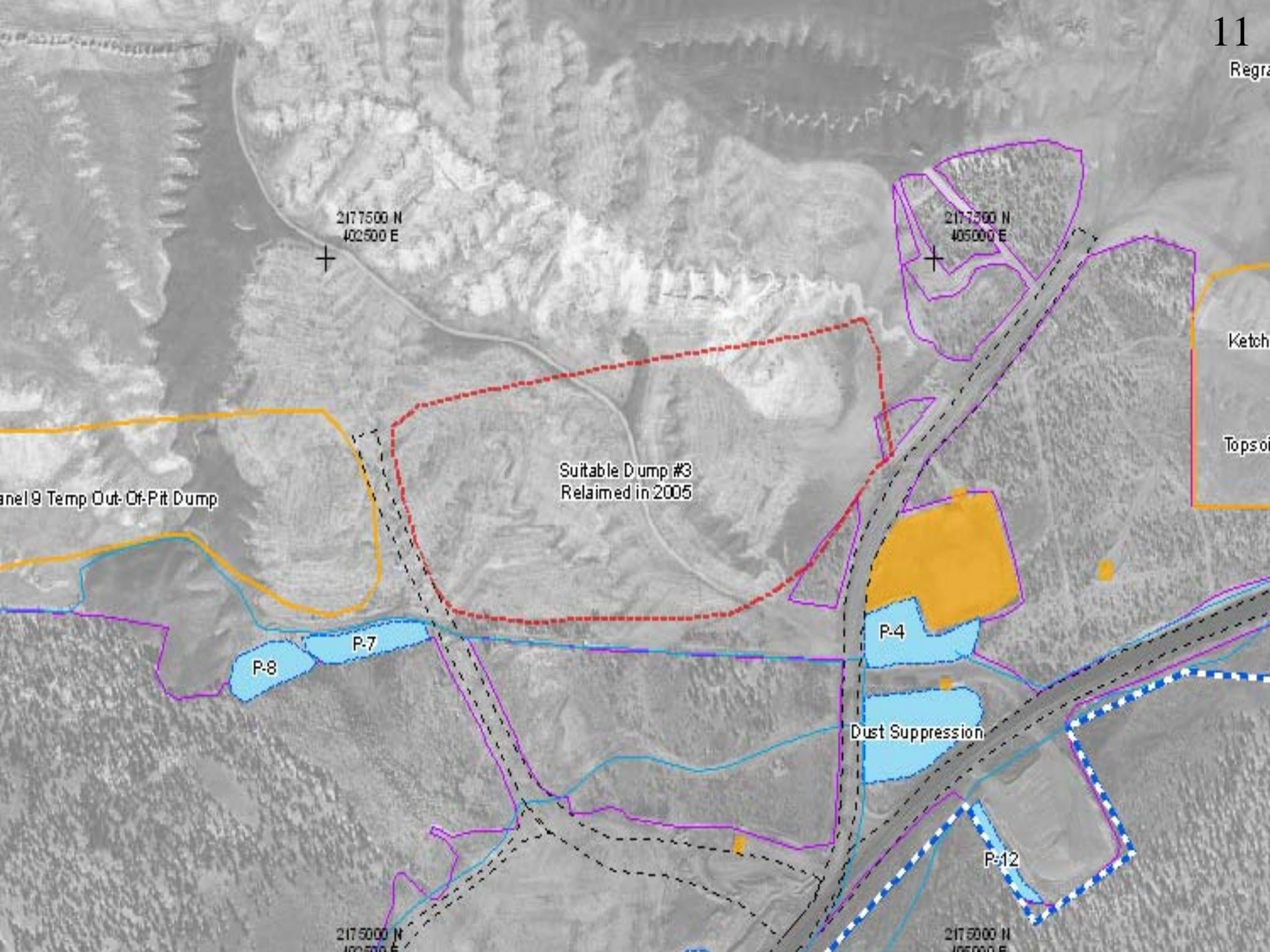
OCT 19 2005



5.17.2005



JUN 13 2006



2177500 N  
402500 E

2177500 N  
405000 E

Sutable Dump #3  
Relained in 2005

anel 9 Temp Out-Of-Pit Dump

P-8

P-7

P-4

Dust Suppression

P-12

2175000 N  
402500 E

2175000 N  
405000 E

Ketch

Tops of

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### INNOVATIVE APPROACH TO RECLAMATION AT LA PLATA MINE IS PRODUCING POSITIVE RESULTS



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*Our La Plata Mine in New Mexico, USA, began producing coal in 1986. The coal was hauled to the San Juan Mine, where it was stockpiled for supply to the San Juan Generating Station. Coal production ceased in December 2002 and the coal haul was completed three months later, enabling full-time reclamation of the site to commence. In 2001, it had been determined that the reclamation program faced challenges that required more than the conventional practices. An innovative approach was initiated, involving the computer-generation of topographical designs that simulate natural landforms and create a landscape similar to that which naturally would have formed over time. Reclamation using these principles is now well under way, with positive results.*

**Photo: Reclaimed southern slope of the McDermott Dump located at the east end of La Plata Mine. The dump was reclaimed in 2001 using fluvial geomorphic principles to design the size, shape and features of the watershed.**

The main reason for initiating a more comprehensive approach to